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Actionable insights from 2025 Verizon Data Breach Investigations Report

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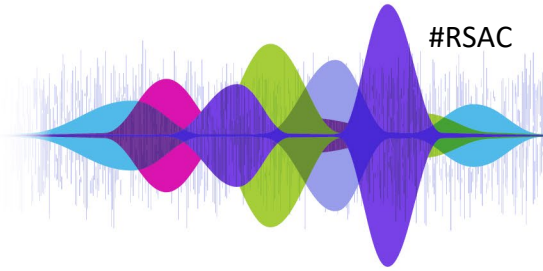

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DBIR: 18 years of storied tradition

18
years of the DBIR

22,052
incidents reviewed in our 2025 report

139
victim countries identified

12,195
data breaches analyzed in our 2025 report

Initial access vectors: edge device vulnerabilities in 2024

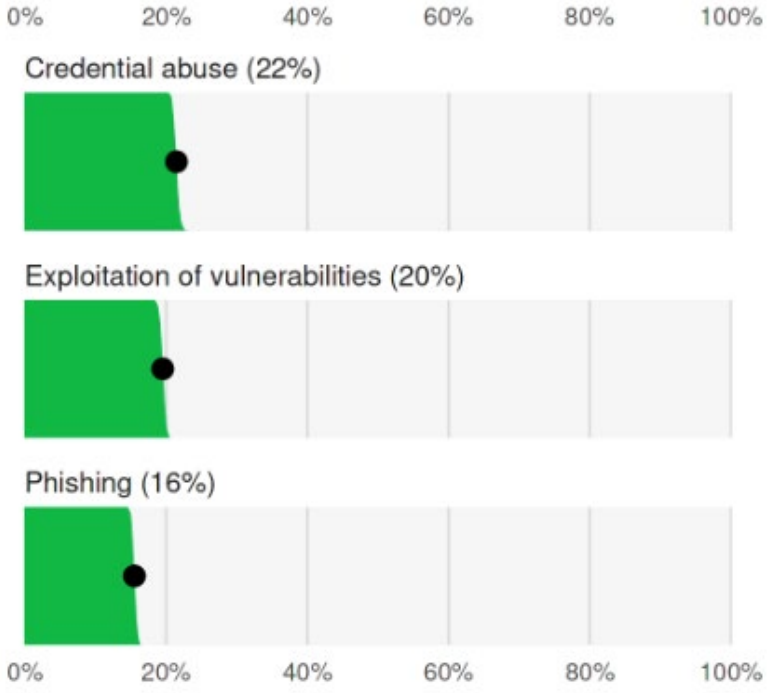

Figure 1. Select 'initial access vector' enumerations in non-Error, non-Misuse breaches (n=9,891)

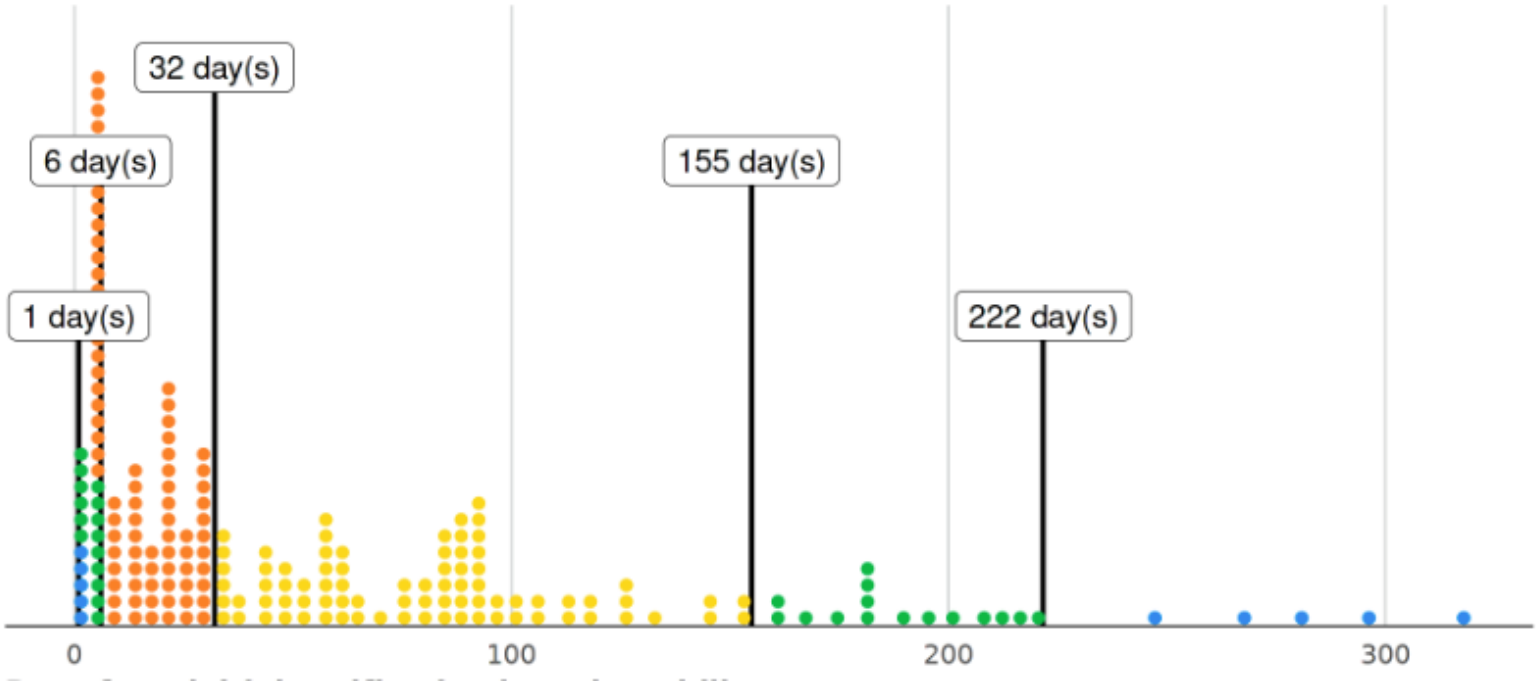

Figure 2. Days until full remediation of each edge vulnerability in subset (n=431)

Ransomware continues to grow…

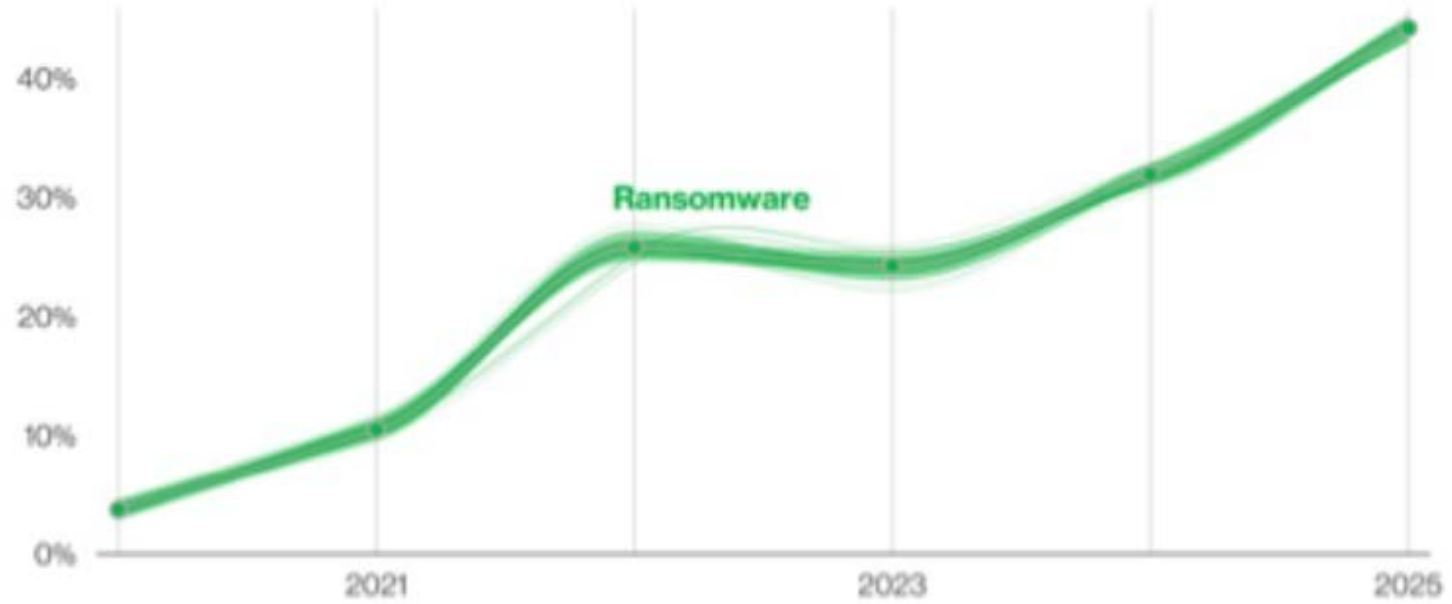

Figure 3. Ransomware breaches over time (n for 2025 dataset=10,747)

… but outcomes have changed

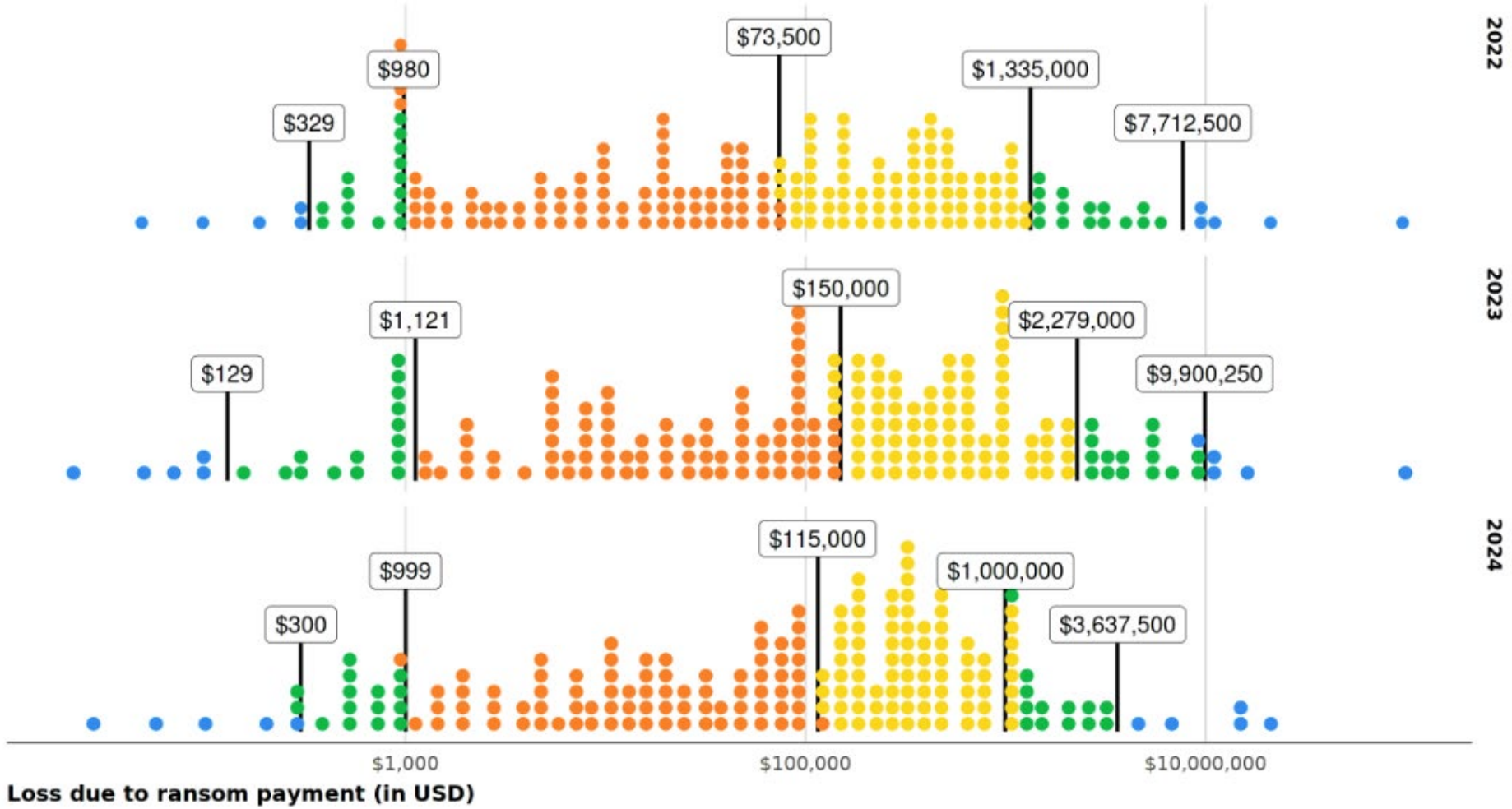

Figure 4. Distribution of loss due to ransom payment
(n for '2022'=664 - each dot is 3.32 events)
(n for '2023'=462 - each dot is 2.31 events)
(n for '2024'=351 - each dot is 1.75 events)

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Third party, thirty percent, targeted passwords

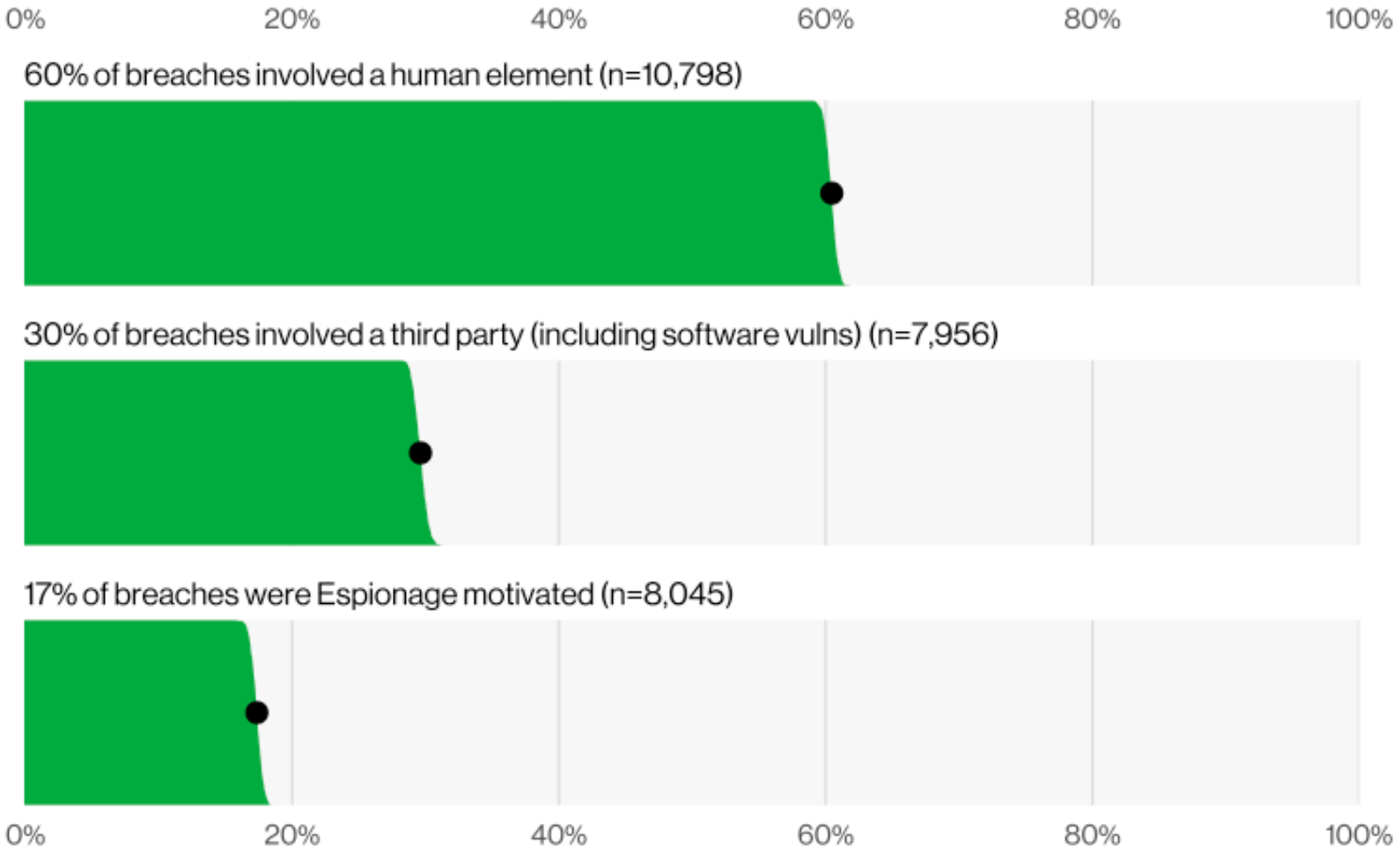

Figure 5. Select key enumerations in breaches

Infostealer ecosystem – Bring Your Own Credential

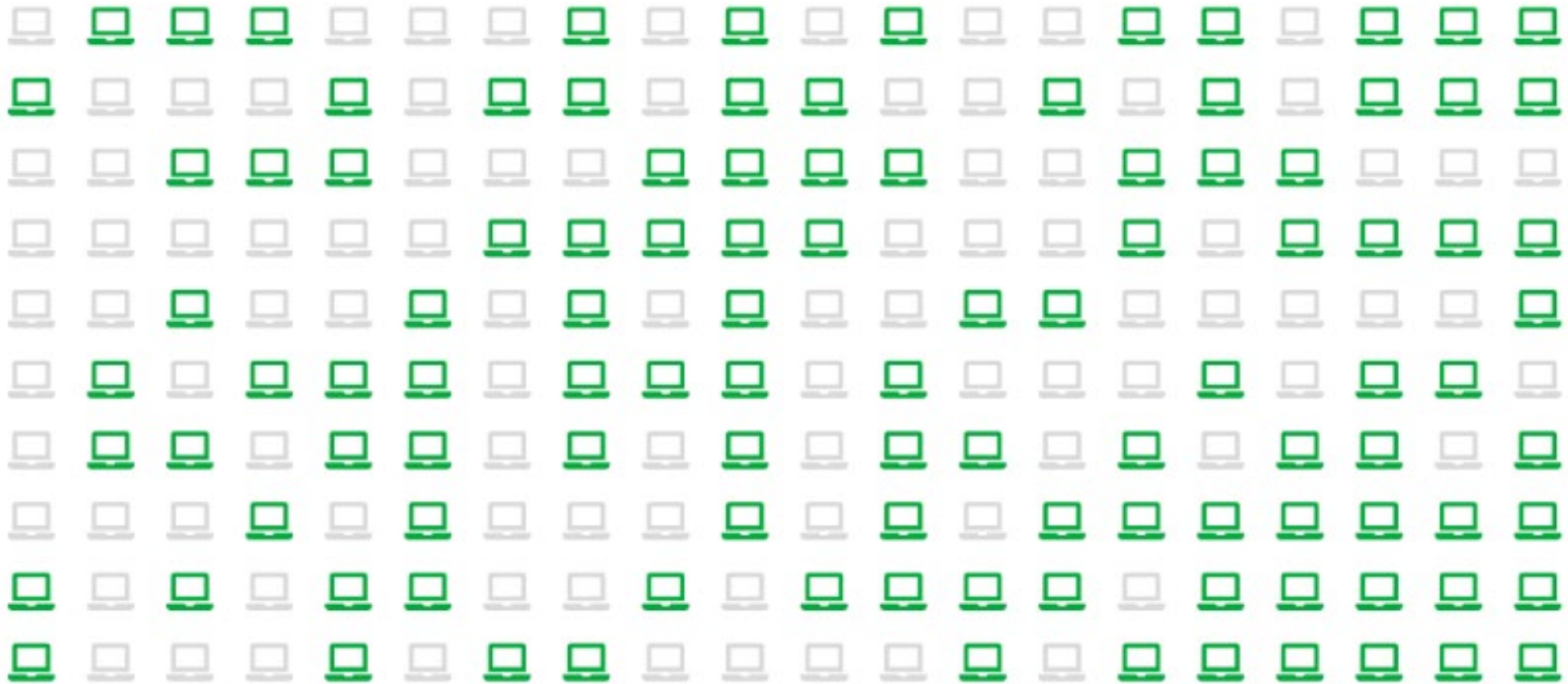

Figure 6. Percentage of non-managed devices with corporate logins (each glyph is 0.5%)

Assume access, ready defenses

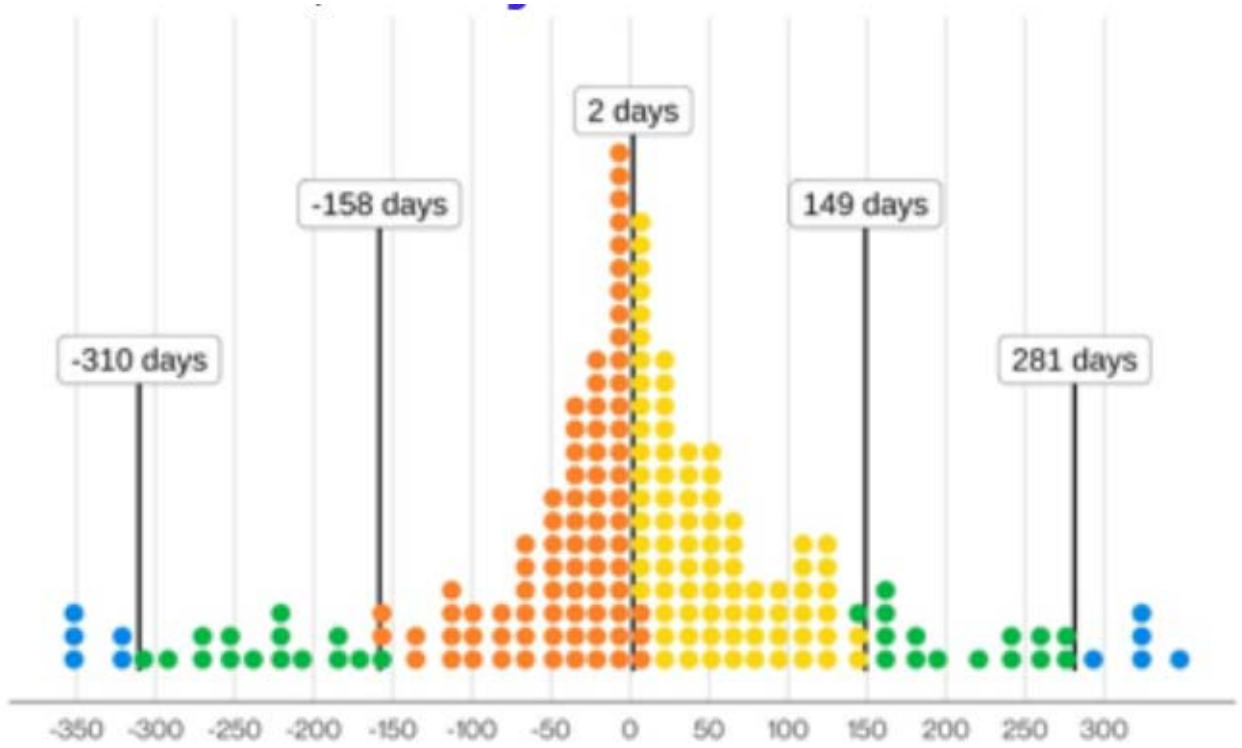

Figure 7. Difference in days between ransomware posting and infostealer log discovery (n=503 – each dot is 2.52 ransomware victims)

Novel technology, banal threats

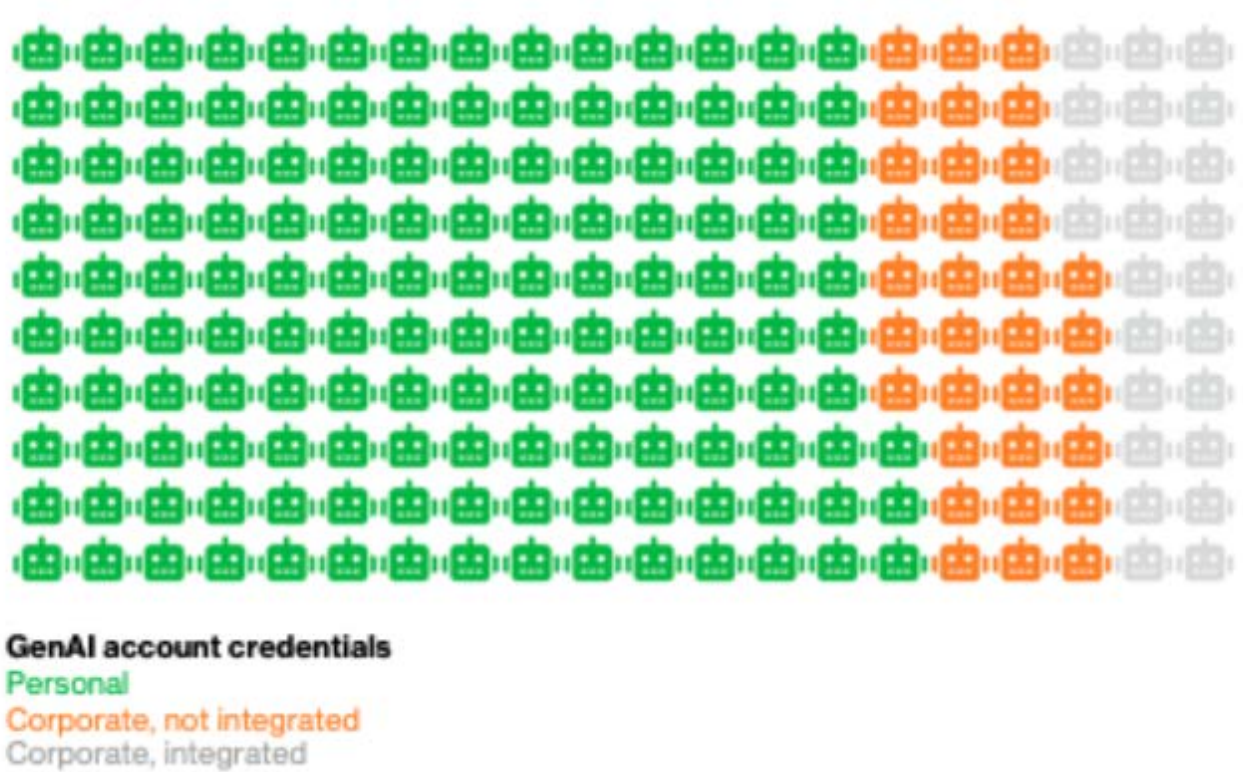

Figure 8. Percentage breakdown of GenAI service access accounts (each glyph is 0.5%)

Phishing practice reported beneficial

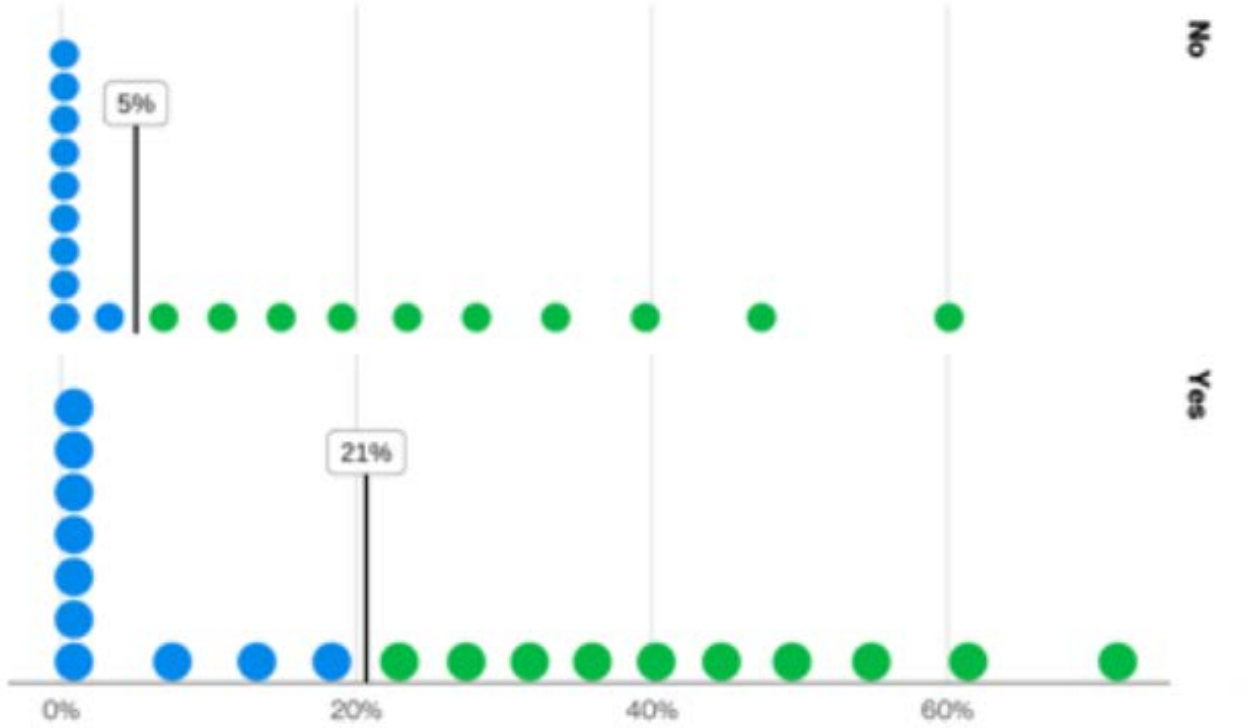

Figure 9. Distribution of campaign report rate by recent training status
(n for 'No Training'=68,492 - each dot is 3,424.60 campaigns)
(n for 'Recent Training'=36,325 - each dot is 1,816.25 campaigns)

Let's not dwell in the past

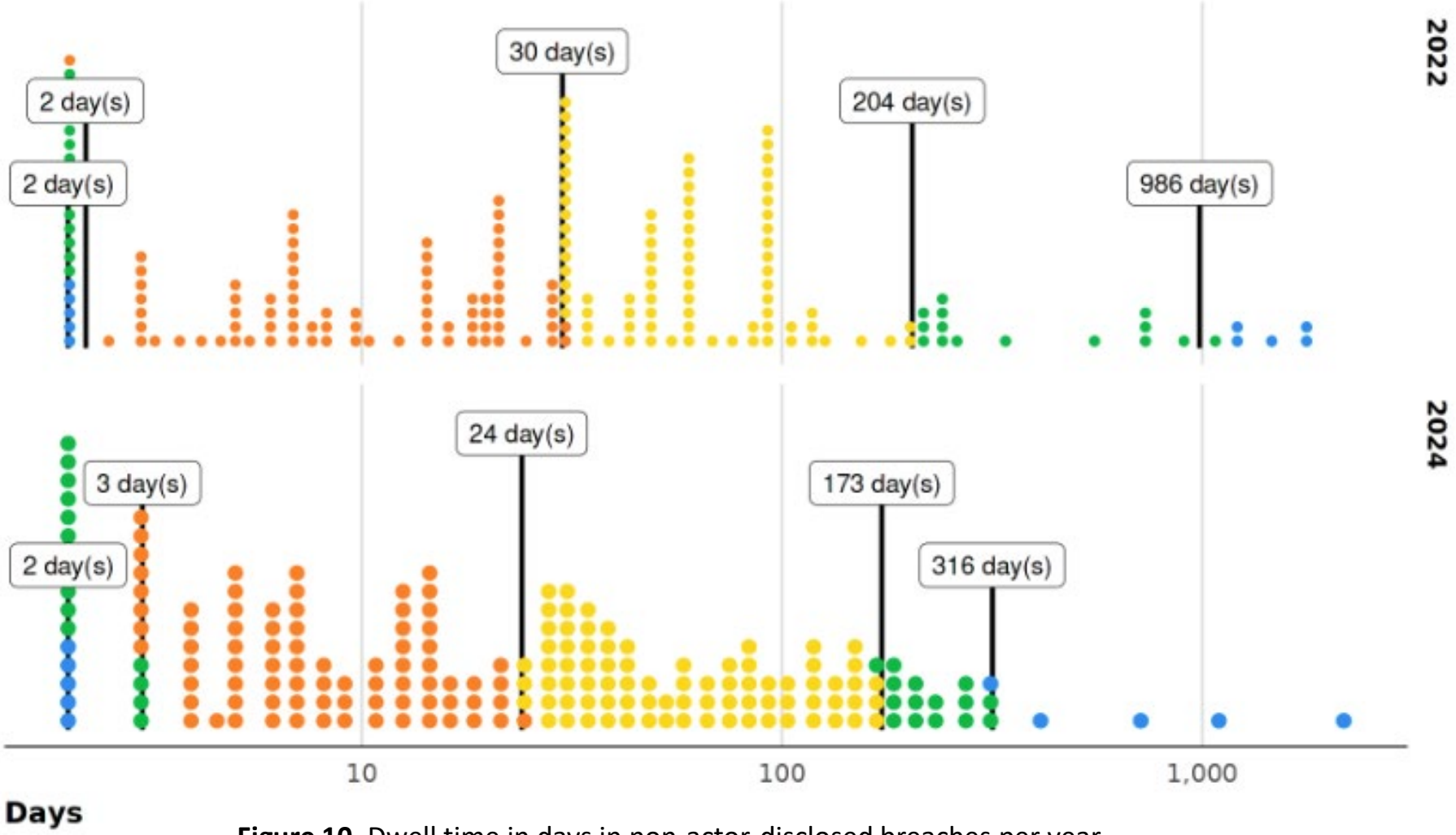

Figure 10. Dwell time in days in non-actor-disclosed breaches per year
(n for '2022'=93 - each dot is 0.46 breaches)
(n for '2024'=248 - each dot is 1.243 breaches)

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Breach Patterns

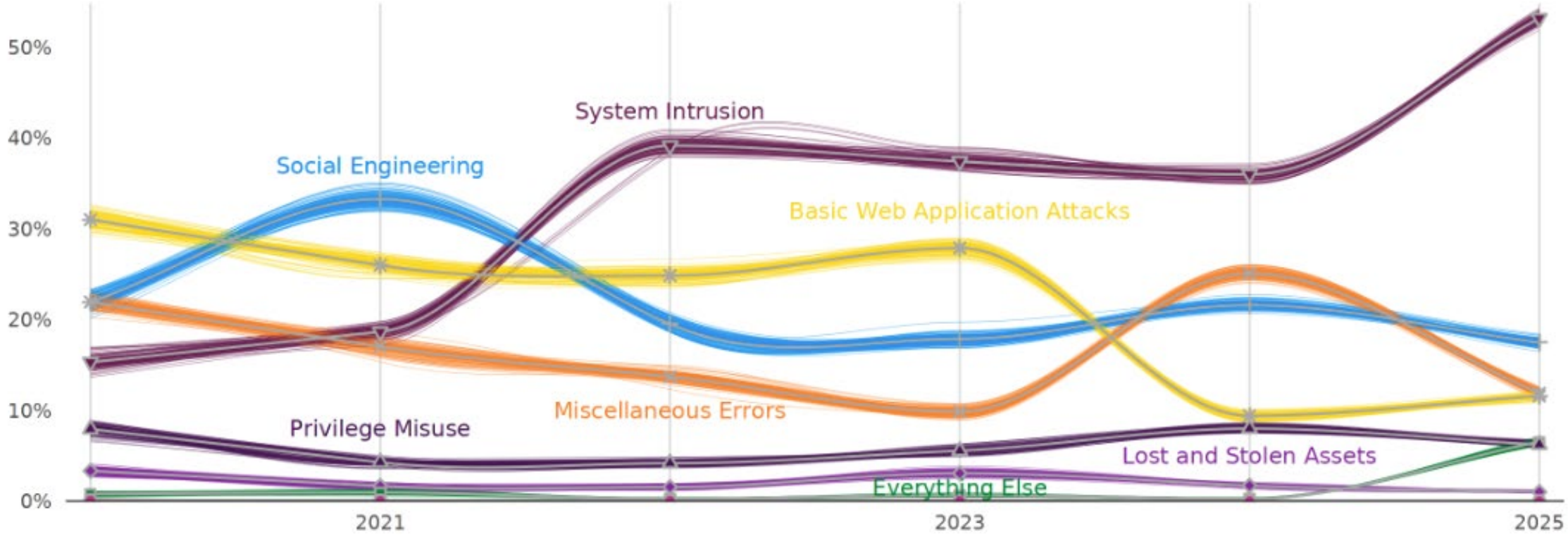

Figure 11. Patterns over time in breaches
(n for 2025 dataset=12,195)

System Intrusion

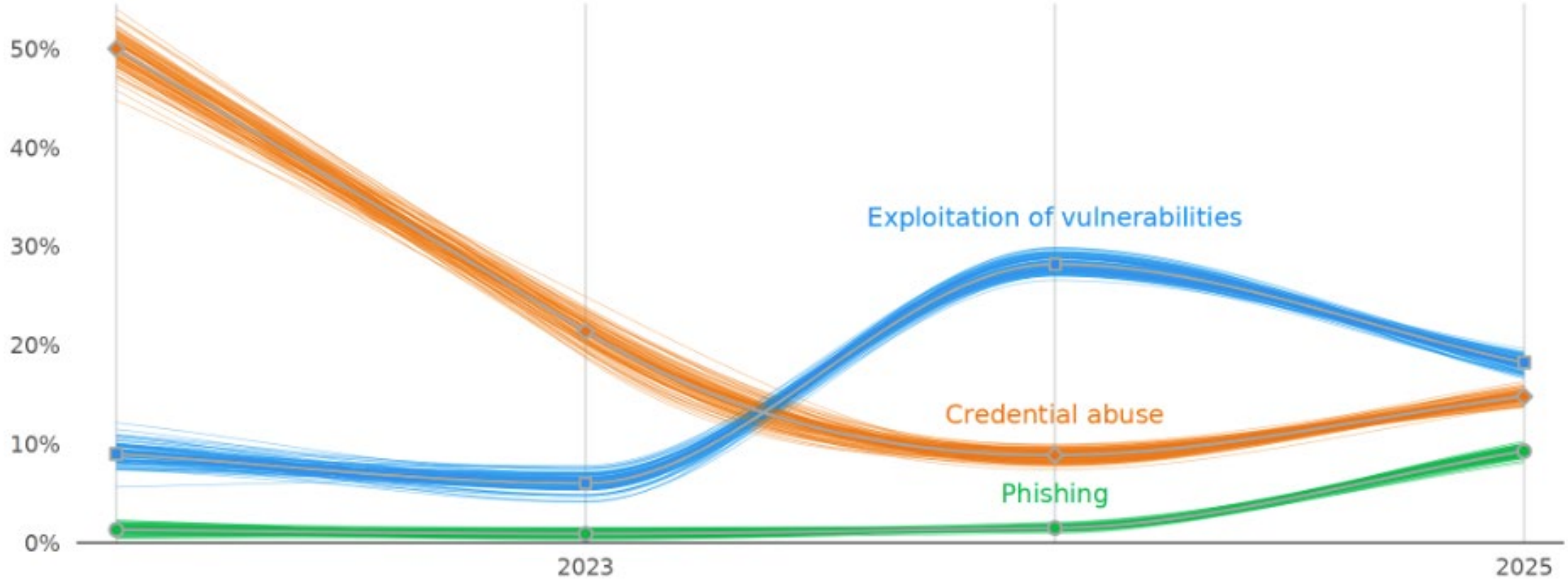

Figure 12. Known 'initial access vectors' in Ransomware breaches over time (n in 2025=4,630)

Social Engineering

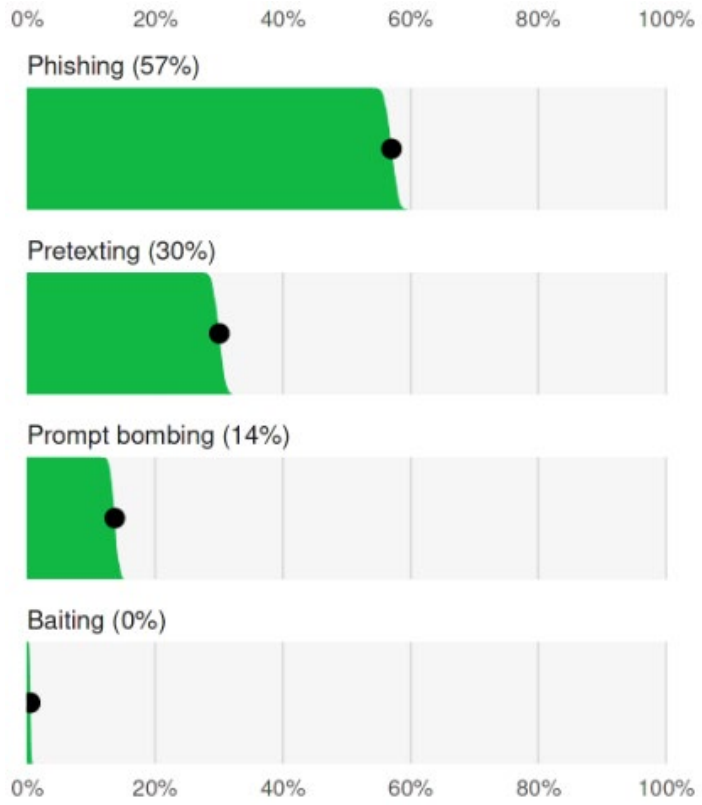

Figure 13. Top Social actions in Social Engineering incidents (n=3,208)

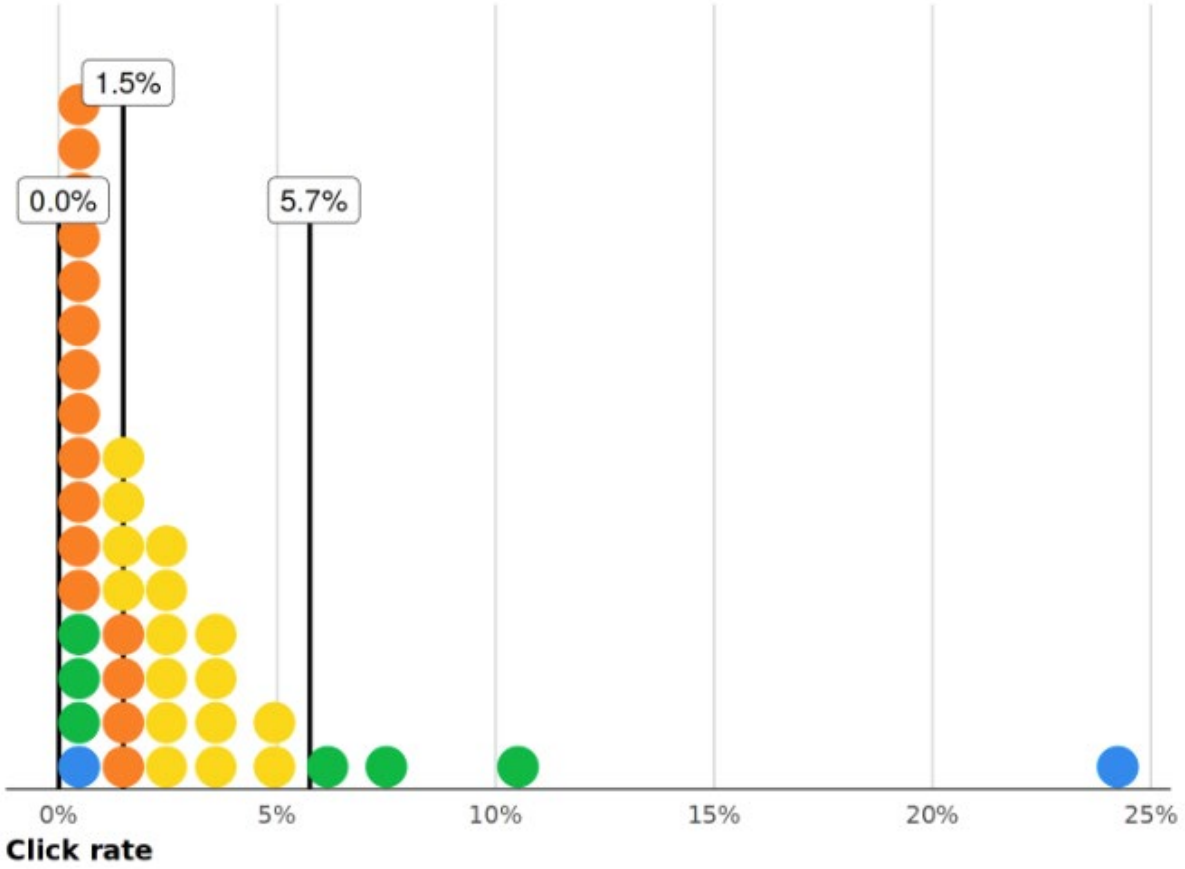

Figure 14. Distribution of phishing simulation click rate by organization (n=7743 – each dot is 193.55 companies)

Apply What You Have Learned Today

- Next week you should:
  - Read the full DBIR → https://verizon.com/dbir
- In the first three months following this presentation you should:
  - Review the VERIS framework → https://verisframework.org/
  - Refresh how you organize your incident data and analyze cyber risk
- Within six months you should:
  - Cyber strategy realignment based on your cyber risk quantification
  - Review your approach to vulnerability & patch mgmt. prioritization
  - Evaluate and enhance your cybersecurity culture

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Thank You!

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